



RMT191 ID-E and RMT191 ID-B

Remote Multiservice Terminal

Product Overview

The Remote Multiservice Terminal 191 Indoor Electronics (RMT191 ID-E) is a cabinet that provides mechanical protection for the iMAP and the DC power plant. The Remote Multiservice Terminal 191 Indoor Battery (RMT191 ID-B) is the same cabinet but is designed to support the necessary battery back up for the MiniMAP 9100. These cabinets are designed for indoor applications only where mechanical protection and security is required. The cabinets do not protect against temperature extremes, dust, or water as they are ventilated cabinets and do not have fans or filters.

Capacity

The RMT191 ID-E accommodates one MiniMAP 9100 chassis. The cabinet is also equipped with a rectifier shelf to provide DC power for the iMAP, provide interconnectivity to the battery backup, and power to maintain the battery back up which is housed in the RMT191 ID-B cabinet. The MiniMAP 9100 chassis supports the following quantities of services:

- Up to 30 active Ethernet FTTx
- Up to 30 10/100TX Ethernet ports
- Up to 24 GbE circuits
- Up to 72 POTS
- Up to 72 ADSL2+
- Up to 48 POTS with 24 ADSL2+ combo
- Up to 24 T1/E1 circuit emulation service
- Up to 72 G.SHDSL
- Up to 192 GEAPON (32:1 split)
- Up to 72 VDSL2

Connectivity

The RMT191 ID-E is designed to support both copper and/or fiber feeder and distribution to an external termination within the customers building.

Flexibility

The RMT191 ID-E is a small footprint cabinet that is wall-mounted. It is designed for indoor applications only where mechanical protection is desired such as MDUs, condominiums, and small business applications. The RMT191 ID-E comes with a separate battery back up cabinet, the RMT191 ID-B.

Reliability

The RMT191 ID-E and RMT191 ID-B is designed to provide mechanical protection for the iMAP and the battery back up. The battery back up is sized to support the iMAP for up to eight hours based on maximum power usage design. DC power plants provide for redundant rectifier capability, battery monitoring, low voltage disconnect, and thermal run away protection.

Key Features

- Integrated power supply and Allied Telesis Multiservice Access Platform
- Security for equipment
- Mechanical protection for equipment
- Wall-mountable equipment cabinet
- Floor or wall-mountable battery cabinet

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Technical Specifications

Physical Characteristics

The following characteristics are identified for each cabinet.

Enclosure Mounting

Wall or floor

Rack Mounting Space

The RMT191 ID-E and RMT191 ID-B each have eight rack units of space.

Hole Spacing on Racks

1.75 inch

Rack Widths

19 inch

Protect Field

No protection is provided

Cross Connect Field

No cross connect field is provided

Fiber Termination

Fiber termination external to the cabinet

Locking Mechanism

7/16" hex security quarter turn mechanism with padlock capability

Ordering Information

| | |
|--------------|-------------------------|
| AT-TN-R053-A | 10 amp rectifier module |
| AT-TN-R094-A | 40 amp breaker |
| AT-TN-R095-A | 50 amp bullet breaker |
| AT-TN-R128-A | RMT191 ID-E |
| AT-TN-R127-A | RMT191 ID-B |
| AT-TN-R142-A | Rectifier controller |
| AT-TN-R143-A | Battery temp probe |
| AT-TN-R151-A | 60AH battery string |

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